

# HARTZELL ENGINE TECH. ALTERNATORS



AL Series



ES4000 Series

ES4020 Series



## HARTZELL ENGINE TECH. NEW ALTERNATORS

As the OEM, Hartzell offers factory new alternators engineered specifically to meet the challenges and increased demands of today's aircraft electrical systems. Each unit is aviation designed & developed, no automotive parts used. For decades our alternators have been powering Lycoming/Continental engines with unmatched performance and reliability.

### AL SERIES ALTERNATOR - Prestolite Style - FAA/PMA Approved.

Model No.	Volts/Amps	Description	Part No.	Price
ALT8520	24V/50A	Belt Driven	08-07122	<b>\$780.00</b>
ALT8521	24V/50A	Belt Driven	08-07123	<b>\$922.00</b>
ALT8521LS	24V/50A	No Pulley/Belt	08-07124	<b>\$949.00</b>
ALT9522	24V/50A	Gear Driven	08-07125	<b>\$899.00</b>
ALU-6526	24V/60A	Belt Driven	07-19276	<b>\$847.00</b>
ALX-6526	12V/70A	Belt Driven	07-19277	<b>\$899.00</b>
ALU6521 LS	24V/70A	Belt Driven	08-07126	<b>\$899.00</b>
ALU8521	24V/70A	Belt Driven	08-07127	<b>\$826.00</b>
ALU8521 LS	24V/70A	No Pulley/Belt	08-07128	<b>\$868.00</b>
ALU8532 LS	24V/70A	No Pulley/Belt	08-07129	<b>\$894.00</b>
ALX8521	12V/70A	Belt Driven	08-07130	<b>\$815.00</b>
ALX8521LS	12V/70A	No Pulley/Belt	08-07131	<b>\$815.00</b>
ALX8523	12V/70A	Belt Driven	08-07132	<b>\$921.00</b>
ALU-6536-3	25V/175A	--	08-15649	<b>\$1,033.00</b>
ALU-6539-4	25V/175A	--	08-15650	<b>\$1,268.00</b>
ALX9524	12V/70A	Gear Driven	08-07133	<b>\$825.00</b>
ALX9525B	12V/70A	Gear Driven	08-07134	<b>\$924.00</b>
ALY9524	12V/60A	Belt Driven	08-07135	<b>\$815.00</b>
ALY6527	12V/60A	Belt Driven	08-07136	<b>\$998.00</b>
ALU-6526	24V/60A	Belt Driven	07-19276	<b>\$847.00</b>
ALX-6526	12V/70A	Belt Driven	07-19277	<b>\$899.00</b>
ALY8520	12V/60A	Belt Driven	08-07137	<b>\$818.00</b>
ALY8520LS	12V/60A	Belt Driven	08-07138	<b>\$821.00</b>

### ES4000 SERIES ALTERNATOR - Ford Style - FAA/PMA Approved

Model No.	Volts/Amps	Description	Part No.	Price
ES4000	15V/60A	Belt Driven	08-07139	<b>\$690.00</b>
ES4001	15V/60A	Gear Driven	08-07141	<b>\$941.00</b>
ES4002	15V/80A	Gear Driven	08-07142	<b>\$1,065.00</b>
ES4003	15V/95A	Belt Driven	08-07143	<b>\$1,055.00</b>
ES4004	28V/38A	Gear Driven	08-07144	<b>\$987.00</b>
ES4006	28V/60A	Gear Driven	08-07145	<b>\$965.00</b>
ES4008	28V/70A	Gear Driven	08-07146	<b>\$1,251.00</b>
ES4009	28V/70A	Belt Driven	08-07147	<b>\$841.00</b>
ES4011	28V/95A	Belt Driven	08-07148	<b>\$989.00</b>
ES4019LS	28V/130A	Belt Driven	08-07149	<b>\$1,379.00</b>
ES4017	28V/90A	Belt Driven	08-15654	<b>\$1,037.00</b>
ES4011LS	15V/80A	Belt Driven	08-15653	<b>\$1,057.00</b>
ES40193LS	28V/130A	Belt Driven	08-15655	<b>\$1,122.00</b>

### ES4020 SERIES ALTERNATOR - Chrysler Style - FAA/PMA Approved

Model No.	Volts/Amps	Description	Part No.	Price
ES4020	14V/90A	Belt Driven	08-07150	<b>\$908.00</b>
ES4029	28V/70A	Gear Driven	08-07151	<b>\$1,239.00</b>



### HARTZELL ALV-9610 ALTERNATOR



Lighter, Tougher, and Proven! Introducing the brand new ALV-9610. The ALV-9610 alternator is a direct replacement for gear driven heavyweight alternators on the Continental 520 & 550 engines. Weighing under 13 lbs., the ALV-9610 is up to 9 lbs. lighter than current heavyweight options. The ALV-9610 is a field proven design that has been in use for over 5 years with thousands of alternators operating on the world's top selling aircraft. FAA/PMA Approved.

**See Service Bulletin Document on our website regarding coupling SB11-3**

Features:

- Up to 9.6 lbs. weight savings (per engine)
- OEM Direct Replacement
- More power at engine cruise
- Built in noise cancellation
- Rugged design for extreme conditions
- More economical than overhauled units
- Two year warranty

Specifications:

- 28 Volt / 100 Amp Prestolite Style
- Max Continuous Oper. Speed: 10000 rpm
- Type Drive: Gear
- Min. Speed for Regulation: 2400 rpm
- Max. Operating Altitude: 35000 rpm
- Weight: 12 lbs.
- Rotation: Bi-Directional
- Replaces TCM part numbers: 642056, 646491, 646842, 649304, as well as ALV- 9510.

P/N 08-07442..... **\$996.00**

### HARTZELL ES7024-14 ALTERNATOR



Hartzell Lightweight Alternator ES7024-14, for experimental use. 28 Volt, 70 Amps. Weight: 7 lbs.


Replaces TCM part number 657199.

Features:

- All aircraft quality parts, no automotive parts
- High altitude brushes
- High speed bearings
- High temperature varnish on rotor and stator
- No modifications necessary for Retro-fit into any existing Ford style applications
- Two year warranty

P/N 08-07444..... **\$898.00**

### HARTZELL ES10024 ALTERNATOR



Introducing the brand new ES-10024 28volt / 100amp aircraft alternator. The ES-10024 alternator is a direct replacement for TCM part number 656802.

The ES-10024 is a field proven design that has been in use for over 5 years with thousands of alternators operating on the world's top selling aircraft.

Prestolite Style - FAA/PMA Approved.

Lightweight, cost effective, 2 yr. warranty.

Features:

- Up to 9.6 lbs. weight savings (per engine)
- OEM Direct Replacement
- More power at engine cruise
- Built in noise cancellation
- Rugged design for extreme conditions
- More economical than overhauled units
- Two year warranty

Specifications

- 28 Volt / 100 Amp Prestolite Style
- Replaces TCM part number 656802

P/N 08-07443..... **\$1,231.00**

CORE CHARGES APPLY TO ALL NEW AND OVERHAULED HARTZELL UNITS.